



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 21, 2017

Tony Herber  
Agent for  
Clorox Professional Products Company  
201 W Van Buren Street  
Columbia City, IN 46725

Subject: Label Amendment – Re-formatting, changes to Emerging Pathogens section and other minor modifications  
Product Name: Rex  
EPA Registration Number: 67619-20  
Application Date: November 10, 2017  
Decision Number: 536210

Dear Mr. Herber:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, please contact Tara Flint via email at [flint.tara@epa.gov](mailto:flint.tara@epa.gov) or Eric Miederhoff at [Miederhoff.eric@epa.gov](mailto:Miederhoff.eric@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "E. Miederhoff".

Eric Miederhoff  
Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure

**Label identification**

Rex, EPA Reg. No. 67619-20

R0764113

8:40 12/14/17

**ACCEPTED**

**12/21/2017**

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 67619-20

**Formatting notes**

**Applicable for all claims**

**Now[!] -and/or- New[!] -and/&/or- Improved[!] to be used as a claim descriptor only for the first 6 months of product on shelf**

***Bold, italicized text is information for the reader and is not part of the label.***

[Bracketed information is optional text.]

All footnotes are on the last page, unless they are part of EPA's mandated text.

The word "and" may be substituted with "&".

All directions may be written in numbered form or in paragraph form.

Optional text may be placed anywhere on the label/container.

Highlighted text is new. Strike-through (text) means removed.

# Rex

KEEP OUT OF REACH OF CHILDREN

**CAUTION:**

Eye irritant.

SEE [SIDE] [BACK] LABEL -OR- PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS.

Active Ingredients:

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18)  
dimethyl benzyl ammonium chlorides ..... 0.105%  
n-Alkyl (68% C12, 32% C14) dimethyl  
ethylbenzyl ammonium chlorides ..... 0.105%  
Other Ingredients: ..... 99.790%  
Total: ..... 100.000%

**2 MIN. CONTACT TIME:**

**E.faecium**

**S.aureus**

**K.pneumoniae**

**A.baumannii**

**P.aeruginosa**

**E.aerogenes**

Contains no phosphorus.

[NET] [CONTENTS] \_\_\_\_\_

**PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Avoid contact with foods.

**FIRST AID:**

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. **IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. [Emergency Information: 1-800-446-1014. -or- Poison Control Center: (800) 446-1014 -or- Clorox Information Line: 1-888-797-7225 -or- Questions? Call 1-888-797-7225.]

**For containers greater than 5 gallons:**

**ENVIRONMENTAL HAZARDS:** Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**For containers 1 gallon or less:****Nonrefillable bottles****STORAGE AND DISPOSAL:**

Store only in a tightly closed container in a secure area inaccessible to children. Nonrefillable container. Do not reuse or refill empty container. [Triple rinse promptly, then] recycle empty container or discard in trash.

**Refillable bottles intended to be refilled by the consumer**

**STORAGE AND DISPOSAL:** Do not reuse or refill this container except as described in the directions for use. Refill only with this product. [Triple rinse promptly, then] recycle empty container or discard in trash.

**For containers greater than 1 gallon:**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store only in tightly closed container in a secure area inaccessible to children.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill empty container. Triple rinse promptly, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**PESTICIDE DISPOSAL:** Use up product in accordance to use directions. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Clorox Customer Assistance 1-888-797-7225. Any Questions?

The experts at Clorox are standing by to answer any of your questions. -or- Questions or Comments?

Call [toll-free] 1-888-797-7225.

Satisfaction Guaranteed[!] At Clorox we have prided ourselves in making consistent quality products [for over 100 -or- *insert number* years], and we are dedicated to ensuring your total satisfaction with our product. If you are not completely satisfied, please call the number below -or- 1-888-797-7225. For [M]SDS information please go to [www.cloroxprofessional.com](http://www.cloroxprofessional.com).

For more product ingredient information, visit [www.IngredientsInside.com](http://www.IngredientsInside.com)

Mfd. for & ©YYYY Clorox Professional Products Company,

1221 Broadway, Oakland, CA 94612

Commercial Solutions is a registered trademark of The Clorox Company -or- Clorox Professional Products Company

Clorox is a registered trademark of The Clorox Company.

*insert trademark* is a registered trademark of The Clorox Company -or- Clorox Professional Products Company.

Made in [the] U.S.A. [of global components -and/or- ingredients.]

**optional flag graphic**

EPA Reg. No. 67619-20

EPA Est. No. 5813-CA-3 (A8 or H8), CA-6 (TPP); GA-1 (A4),

GA-2 (VG), IL-2 (VF); 8251-OH-1 (Q6), WI-2 (KW), WI-3 (KV), WI-5 (UQ); 58455-IN-1 (C6), IN-2 (01);

40873-GA-1 (JT); 71106-GA-2 (E8); 71681-IN-1 (03), IN-2 (24); 74750-GA-1 (JJ)

Beginning of batch code indicates Est. No.

Visit us at [www.cloroxprofessional.com](http://www.cloroxprofessional.com)

### Packaging Related Statements

#### To Operate:

Open hinged cover of sprayer and snap into opening on top. -or- Turn -or- Rotate nozzle [counterclockwise] to “spray” -or- “stream” -or- ON [setting]. -or- Adjust [nozzle] to desired pattern.

-or-

To open, turn nozzle. Spray [6-8 in[ches] from] surface. Rub -or- wipe with brush -or- paper towel -or- sponge -or- lint-free cloth -or- cloth. Do not breathe spray or mist.

[When almost empty, -or- To spray every drop[,][:] tilt bottle downward -or- at a downward angle [while spraying].]

#### Optional Directions for Product Supplied in Refill Bottles: [Refill only with this product.]

##### Alternate for Refill Bottle:

To Refill [Spray Bottles]:

##### Remove[:]

1. Remove trigger sprayer -or- cap from empty bottle.

##### Pour[:]

2. Unscrew cap on refill and pour contents directly into empty bottle. Use a funnel -or- spigot to minimize product spills -or- waste.

##### Use[:]

3. Replace trigger sprayer and use as you normally would.

-or-

Unscrew cap and transfer your trigger to this bottle. -or- Replace cap and use as you normally would.

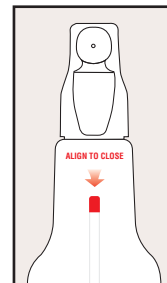
Fill -or- refill the **insert number** [fl] oz **this product** spray bottle with **this product** refill. Pour product into spray bottle over sink or tub basin.

#### Trigger options:

Switch to open -or- on

-or-

**To refill:** Twist trigger [on spray bottle] [1/4 turn] [counterclockwise] [and pull up -or- upward[s]] to remove. [Fill spray bottle with refill solution.] [After refilling spray bottle,] [to replace trigger,] Align [red tip] tube on trigger [head] over [small] opening -or- tube [on] [the] inside [of the bottle]. [[Note that] trigger [head] should point in [the] same direction as [the] tube [running] on the outer edge of the bottle.] Press [straight] down on the trigger [head], [applying even pressure] [until it clicks -and/or- locks] [into place].



**Optional graphics/text. May be placed anywhere on label/container or collateral labeling.**



[[Use your phone to] go here -and/or- scan [[the] tag -or- [this] code] to learn -or- get -or- see [more] uses -or- information [on how-to-use [**This Product**]] -or- [how-to] tips -or- [how-to [-use]] videos] [(Data rates may apply)]

### Packaging Related Claims

- Align to close
- [Be] [Get] RefillSmart [®][™][!]
- Get -or- Spray Every Drop[!][®][™]
- Last Drop Access
- No Waste -or- Wasteless Bottle

- Patented design bottle
- Recyclable bottle
- Smart Tube[®][™] Technology
- [Use as a] [Pourable] refill for this product

# DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

A potable water rinse is required for food contact surfaces.

Do not use on glassware, utensils, or dishes.

## *Operating Trigger*

### **To Operate:**

Open hinged cover of sprayer and snap into opening on top. -or- Turn nozzle [counterclockwise] to “spray” -or- “stream” [setting]. -or- Adjust [nozzle] to desired pattern.

-or- To open, turn nozzle. Spray [6-8 in[ches] from] surface. Rub -or- wipe with brush -or- paper towel -or- sponge -or- lint-free cloth -or- cloth. Do not breathe spray or mist.

Do not use on soft vinyl, varnishes, or aluminum. If applied to those surfaces, rinse and wipe dry immediately. For painted surfaces, test small area first. -or- For best results, always test a small area before washing -or- applying.

For surfaces that may come in contact with food, a potable water rinse is required.

## *Cleaning and General Use*

### **DIRECTIONS FOR USE:**

**General [Kitchen/Bathroom/Floor] Cleaning:** [Remove cooking ingredients and cooked food from areas to be cleaned.] **[To Use Full Strength:]** Spray product directly onto soils and wipe clean. -or- Directly apply [this product] with a cloth, sponge, mop, or trigger sprayer to completely wet surface and wipe clean. Repeat for heavily soiled areas. **[To Use Diluted:] [To clean large hard surfaces and floors:]** Mix 8 oz -or- 1 cup [of this product] with 1 gallon water. Wet surface completely with cloth, sponge, or mop.

**To Clean/Remove Soap Scum:** Spray product onto soils and wipe clean [with a dry paper towel or lint-free cloth or sponge]. -or- Just spray on and wipe off [with a dry paper towel or lint-free cloth or sponge]. No scrubbing or rinsing necessary. For best results, use a dry paper towel or lint-free cloth. Repeat for heavily soiled areas. For stubborn stains or heavily soiled areas or tougher jobs, allow product to penetrate [dirt -and/or- soap scum] before wiping. For best results, use regularly to prevent dirt and soap scum build up.

**To Clean [Nonporous] Surfaces -and/or- Floors:** Spray soiled area, then wipe clean. -or- For spot cleaning, spray and wipe clean with damp sponge -or- mop. [For larger areas, [remove trigger sprayer and] mix one cup of this product per gallon of warm water and apply with a sponge -or- mop.]

**To Clean Toilets:** To clean and deodorize toilet bowl, squirt liberally (1/2 cup) on toilet sides and upper toilet bowl rim. Swab -or- brush all surfaces and flush.

**To clean -and/or- remove stains:** Spray surface; [rinse and] let air dry. [If streaking is observed, wipe with a clean, damp [cloth or] paper towel.]

[For plastic and painted surfaces, spot test on an inconspicuous area before use.] [For use in the kitchen on counters, sinks, exterior surfaces of appliances, and stovetops. A rinse with potable water is required for surfaces in direct contact with food. [In addition], this product [-or- product name] deodorizes those areas that generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, basements, restrooms and other areas which are prone to odors caused by microorganisms.]

**To Deodorize:** Spray until thoroughly wet. -or- Apply [this product] with mop, cloth, sponge, or trigger sprayer to completely wet all surfaces. Let stand for appropriate contact time. Then wipe. For heavily soiled areas, precleaning is required.

**To Disinfect:** [Hold container 6-8 in[ches] from the surface to be treated and] spray area until it is covered with the solution. Allow this product to penetrate and remain wet. Let stand for contact time listed below -or- on label ***insert contact time(s)/organism(s) from organism table***. Then wipe. For heavily soiled areas, a precleaning is required. For food contact surfaces such as institutional kitchen/restaurant counters, tables, and appliance exteriors, rinse disinfected surface with potable water. Do not use on glasses, dishes, or utensils.

-or-

Use [the] ***insert ABN*** -or- this product to spray surfaces to be disinfected -or- treated. To Disinfect: [Hold container 6-8 in[ches] from the surface to be treated and] spray area until it is covered with the solution. Allow this product to penetrate and remain wet. Let stand for contact time listed below -or- on label ***insert contact time(s)/organism(s) from organism table***. Then wipe. For heavily soiled areas, a precleaning is required. For food contact surfaces such as counter, tables and appliance exteriors, rinse disinfected surface with potable water. Do not use on glasses, dishes, or utensils.

**DISINFECTION: To [clean and] disinfect [and deodorize] hard, nonporous surfaces:** [Set trigger to SPRAY.] Spray [6-8 in[ches] from surface] until surface is thoroughly wet. Let stand for contact time listed below -or- on label. [Then wipe.] [Rinse.] [Allow to air dry.] Rinse with potable water for food-contact surfaces. For all others, no rinsing is required. Gross filth should be removed prior to disinfecting. [If streaking is observed, wipe with a clean, damp cloth -and/or- microfiber cloth -and/or- paper towel.]

***The following statements are to be used on institutional labels with medical use sites, medical devices and/or bloodborne pathogens:***

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream, or normally sterile areas of the body, or (2) contacts intact mucous membranes, but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

***For products with medical devices listed on the label, the following must be used:***

This product is not for use on critical or semi-critical medical device surfaces.

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***Special Instructions for Use Against HIV-1, HBV, and HCV***

This product kills HIV-1, HBV and HCV on precleaned hard, nonporous surfaces/objects previously soiled with blood/body fluids in health care settings [(hospitals, nursing homes)] or other settings in which there is an expected likelihood of soiling of surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus (HIV-1) (associated with AIDS), Human Hepatitis B [(Virus)] (HBV) and Human Hepatitis C [(Virus)] (HCV).

**Special instructions for using this product to clean and decontaminate against HIV-1, HBV and HCV on surfaces/objects soiled with blood/body fluids:** **Personal Protection:** When handling items soiled with blood or body fluids, use disposable impervious gloves, gowns, masks and eye coverings. **Cleaning Procedure:** Blood and other body fluids must be thoroughly cleaned from surfaces and other objects before applying this product. **Contact Time:** Allow surface to remain wet for HBV, HCV and HIV-1 for 1 min[ute]. These contact times will not control other common types of viruses and bacteria. **Disposal of Infectious Materials:** Use disposable impervious gloves, gowns, masks and eye coverings. Blood and other body fluids must be autoclaved and disposed of according to local regulations for infectious waste disposal.

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**To disinfect food processing premises:** floors, walls and storage areas, [hold container 6-8 -or- six to eight in[ches] from the surface to be treated and] spray area until it is covered with the solution. Allow this product to penetrate and remain wet for 3 min[utes] (for Bloodborne Pathogens, allow surface to remain wet for HBV, HCV and HIV-1 for 1 min[ute]). Wipe off with a clean cloth, mop or sponge and thoroughly rinse all surfaces in the area with potable water. Heavily soiled areas must be precleaned before using this product. Food products and packaging materials must be removed or carefully covered prior to using this product.

**To disinfect food service establishment food contact surfaces:** countertops, appliance exteriors, tables, [hold container 6-8 -or- six to eight in[ches] from the surface to be treated and] spray area until it is covered with the solution. Allow this product to penetrate and remain wet for 3 min[utes] (for Bloodborne Pathogens, allow surface to remain wet for HBV, HCV and HIV-1 for 1 min[ute]). Wipe off with a clean cloth, mop or sponge and thoroughly rinse all surfaces in the area with potable water. Heavily soiled areas must be precleaned before using this product. Do not use on eating utensils, glassware and cookware.

**Disinfection of animal quarters and kennels:** For disinfection of precleaned animal quarters and kennels, apply this product [-or- product name]. Remove all animals and feed from premises. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate the surfaces with the disinfecting solution for a period of 3 min[utes] (for Bovine Viral Diarrhea Virus (BVDV) 1 min[ute]) (for Feline Calicivirus and Rabies virus 30 sec[onds]) (for Canine Parvovirus 3 min[utes]). Ventilate building and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

**Animal housing facilities [and poultry and swine premises]:** This product [-or- product name] removes dirt, grime, blood, urine, fecal matter and other common soils found in animal housing facilities, grooming facilities, kennels, pet stores, veterinary clinics, laboratories or other small animal facilities. It [also] eliminates odors leaving surfaces smelling clean and fresh.

It cleans, disinfects and deodorizes hard, nonporous inanimate surfaces in one step. Its non-abrasive formula is designed for use on [Use daily on] [Use daily to clean and disinfect] hard, nonporous inanimate surfaces: plated or stainless steel, chrome, glazed porcelain, glazed tile, laminated surfaces associated with floors, walls, countertops, cages, crates, kennels, and animal equipment found in animal housing facilities.



**Hospitals/Healthcare facilities:**

This product [-or- product name] cleans, disinfects and deodorizes hard, nonporous [hospital] [medical] surfaces in one step [with no rinsing required].

When used as directed, this product [-or- product name] [contains 2100 ppm of active germicide making it] [is] highly effective against a wide variety [broad spectrum] of pathogenic bacteria, viruses† and a fungus on hard, nonporous surfaces.

This product [-or- product name] is a one step [hospital-use] germicidal -and/or- disinfectant cleaner and deodorant -or- odor counteractant -or- odor neutralizer designed for general cleaning -and/or- disinfecting -and/or- deodorizing [and controlling mold and mildew on] [of] hard, nonporous inanimate surfaces. Quickly removes dirt, grime, food residue, blood and other organic matter commonly found in hospitals -or- health care facilities [on medical surfaces]. It [also] eliminates odors leaving [restroom] surfaces smelling clean and fresh. Use where odors are a problem.

[This product] is a ready to use broad spectrum -and/or- germicidal -and/or- disinfectant cleaner and deodorizer designed for general cleaning -and/or- disinfecting -and/or- deodorizing [and controlling mold and mildew on] [of] hard, nonporous surfaces. Quickly removes dirt, grime, food residue, blood and other organic matter commonly found in hospitals -or- healthcare facilities [on medical surfaces].

**Non-Acid Bowl (& Bathroom) Disinfectant Cleaner:** This product [-or- product name] is [also] a [ready-to-use] non-acid [bowl and] bathroom cleaner that cleans, disinfects and deodorizes in one easy step. It cleans, disinfects and deodorizes ***insert surface(s) from Table 1*** -and/or- ***insert surface material(s) from Table 3*** found in the bathroom -or- restroom [in the presence of organic soil].

**Cooling Coils Disinfectant Cleaner:** This product [-or- product name] is a [ready-to-use] [non-abrasive] [one step] disinfectant cleaner for [small air conditioner -and/or- commercial air handling unit -and/or- HVAC] cooling coils and [refrigeration equipment -and/or- refrigerator -and/or- freezer] evaporation coils. When using this product [-or- product name] to disinfect and clean cooling -and/or- evaporation coils, disconnect power to the unit before applying product. Follow directions under the Disinfection, Deodorizing and Cleaning sections.

**MOLD AND MILDEW: To control mold and mildew:** Apply to precleaned hard, nonporous inanimate surfaces. Allow to air dry. Repeat application weekly or when growth reappears.

**MILDEWSTAT**

To control mold and mildew on precleaned, hard, nonporous surfaces spray surface to be treated making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth appears.



## Cleaning and General Use Claims

- A kitchen that is ready-to-go
- A polished-clean kitchen
- Advanced cleaning formula
- Alcohol-free
- An effective [non-food contact surface] cleaner for use in the [institutional] kitchen, bathroom, bedroom, and other areas
- Bleach-free **when used with Clorox® alternate brand name**
- Can be used diluted for lighter cleaning tasks or full strength for big -or- tough jobs
- Can be used for indoor and outdoor cleaning tasks
- Can be used full strength or diluted [for heavy duty to lighter cleaning tasks]
- Chrome -and/or- Surface cleaner
- Clean up with the one thing that can handle the kitchen
- Clean[-up] -or- manage -or- handle **insert soil(s)/stain(s) from List 4**
- Cleaning [made easy]
- Cleans and Deodorizes in One Easy Step
- Cleans [all] [washable] floors [including] **insert surface material(s) from Table 3**
- Cleans everyday **insert use site(s) from Table 2** messes
- Cleans everyday messes -and/or- grease and grime throughout the house<sup>P</sup>
- Cleans [Fast,] [All Over the House<sup>P</sup>] [in **insert use site(s) from Table 2**]
- Cleaner [for institutional use]
- Cleans grease
- Cleans hard, nonporous surfaces
- Cleans **insert use site(s) from Table 2** surfaces
- Cleans **insert use site(s) from Table 2** and other [institutional] surfaces
- Cleans kitchens to a beautiful shine
- Cleans limescale
- Cleans quick[ly]
- Cleans soap scum -or- dirt -or- build-up
- Cleans [surfaces] [throughout the house]
- Cleans the toughest soils
- Cleans tough grease -and/or- **insert use site(s) from Table 2** messes [without smearing] [fast]
- Cleans tough messes
- Cleans without bleach[ing]
- Clear formula
- Clorox® clean
- Commercial Solutions®
- Contains grease cutters
- Contains no abrasives, harsh acids
- Contains no bleach **when used with Clorox® alternate brand name**
- Cuts cleaning time
- Cuts -or- Cleans greasy dirt -and/or- soap scum -and/or- **insert use site(s) from Table 2** soils [fast]
- Cuts -or- Cleans Grime in [**insert use site(s) from Table 2** Fast]
- Cuts -or- Cleans **insert use site(s) from Table 2** Grime -and/or- Soils [Fast]
- Cuts -or- Powers through tough grease and grime [including **insert use site(s) from Table 2** soils] [including soap scum]
- Cuts [through] tough kitchen -and/or- bathroom [grease,] [grime] [and] [soils]
- Cuts [through] [tough] grease [and] [grime] [and] [messes] [quickly] [and easily] [without a trace] [of residue]
- Cuts [Tough] Grease and Grime
- Deep clean[ing] [cleaner -or- formula]
- Degreaser
- Degreases
- [Delivers] a clean you can see and smell
- Deodorizes
- Designed for use on multiple surfaces
- Developed -or- Formulated with your -or- the kitchen in mind
- Dissolves [greasy] [kitchen] [bathroom] messes [and odors] [on contact -or- instantly]
- Dissolves grease on contact [-or- instantly]
- Dissolves messes [to a shine] [without a trace] [of residue]
- Does not contain bleach **when used with Clorox® alternate brand name**
- Dries quickly
- [Easily cleans the] -and/or- Toughest [on] grease [and grime] [throughout the house]
- Easy to handle
- Easy [and convenient] to use
- Effectively removes [everyday] soils [on: **insert surface(s) from Table 1** -and/or- **insert surface material(s) from Table 3**]
- Eliminates -or- Removes **insert use site(s) from Table 2** odors
- Ergonomic bottle
- Ergonomic shape
- Fast [Strong] cleaning power
- Fast action **insert use site(s) from Table 2** cleaner
- Fast, easy cleaning solution
- Floor cleaner
- For a cleaner, fresher area
- For a noticeably clean facility
- For all **insert use site(s) from Table 2** cleaning needs
- [For] general use
- For more advice -or- tips -or- education -or- support -or- information) call us [toll free] at **insert phone number**
- For more advice -or- tips -or- education -or- support -or- information) visit us at our Facebook page at [www.insert website.com](http://www.insert website.com)
- For more advice -or- tips -or- education -or- support -or- information) visit us at [www.insert website.com](http://www.insert website.com)
- For Professional Use [Only]
- [For] Surface [care]
- [For] Surface cleaning
- For use on both white and colored hard nonporous surfaces
- Formula fights grease
- Formula for **insert use site(s) from Table 2**
- Formulated for **insert use site(s) from Table 2** messes
- Formulated to satisfy [-or- Satisfies] your sense of clean
- Get a noticeably clean **insert use site(s) from Table 2**
- Good for everyday cleaning -and/or- for your toughest messes
- Good for most indoor and outdoor cleaning tasks
- Grease cutter -or- fighter -or- cutting formula -or- fighting formula
- Great for Cleaning Kitchens -or- **insert use site(s) from Table 2**

- Great for **insert use site(s) from Table 2** [Soils] -and/or- Soap Scum
- Great for Cleaning Power
- Great for everyday use [in the **insert use site(s) from Table 2**]
- Great for **insert use site(s) from Table 2** [soils] [too]
- Great in the **insert use site(s) from Table 2**
- [Great] For Everyday Use [in **insert use site(s) from Table 2**]
- Grease cutter
- **Insert use site(s) from Table 2** cleaner
- Institutional [size]
- Just spray and wipe
- Kitchen cleaning done right
- Kitchen cleaning made easy
- Kitchen formula
- Leaves area smelling clean with a light [fresh -and/or- citrus -and/or- lemon -and/or- mist -and/or- orange] scent
- Leaves nothing behind [but clean]
- Made for **insert use site(s) from Table 2** cleaning
- Made for **insert use site(s) from Table 2** surfaces and odors
- Made for your -or- the **insert use site(s) from Table 2**
- Makes your -or- the [cleaning] job easier [in the **insert use site(s) from Table 2**] [household] [all over the houseP]
- Maximum Cleaning, Minimum Effort
- Multi-Purpose [Cleaner]
- Multi-Surface [and Chrome] [cleaner]
- Neutralizes odors [(doesn't [just] mask)]
- No harsh chemical odors or fumes
- No mixing
- No [Unpleasant] Fumes
- Non-abrasive formula [will not scratch surfaces]
- Non-bleach **when used with Clorox® alternate brand name**
- Non-Chlorine Formula: Will not bleach clothing or colored surfaces
- Passes the **insert use site(s) from Table 2** everyday use -or- torture test
- Perfect -or- Ideal for [greasy] [tough] [grimy] messes [around -or- in the **insert use site(s) from Table 2**]
- Powers through tough grease and grime [-or- messes] [including [kitchen] [grease and grime] [and] [**insert use site(s) from Table 2** soils] [including soap scum]]
- Powers through [tough] [**insert use site(s) from Table 2**] [grease] -or- [messes] -or- [dirt]
- Powers through tough messes [all over the workplace]
- Powers through [your] [the] toughest cleaning jobs
- Prevents [odors] [dirt] [soap scum] [build up]
- Pump spray
- Quick [Easy] [Fast] [Effective] [Convenient] [Cleaner]
- Quickly cuts through the toughest grease
- Removes [-and/or- Cleans] [everyday] **insert use site(s) from Table 2** messes
- Removes -and/or- Cleans the following **insert stain(s)/soil(s) from Table 4**
- Removes [tough] stains
- Restores your -or- the **insert use site(s) from Table 2** to a clean state
- Safe to -or- for use on [the following surface [material]s:] **insert surface material(s) from Table 3**
- Shelf-stable formula
- Special [grease fighting] [**insert use site(s) from Table 2** cleaning] [formula]
- Special **insert use site(s) from Table 2** cleaning formula
- Special -or- Premium Surfaces
- Starts cleaning [-or- to work] on contact [-or- instantly]
- Starts to work before you [even] [do -or- start to] wipe
- Start with a clean slate
- Strong [cleaner]
- Strong - Cuts through tough grease and grime
- Strong enough to cut through automotive grease, yet won't harm fabric
- [Strong –] Works for you in cleaning tough grease and grime [found in food service kitchens -or- settings]
- [The] One Step Cleaner
- This product is a multi-surface cleaner[, for use on **insert surface(s) from Table 1** -and/or- **insert surface material(s) from Table 3**]
- [This product] is an effective cleaner that will not dull high gloss floor finishes with repeated use
- This product is designed to be used as part of your daily cleaning process -or- program
- This product is for use in institutional kitchens -or- cleaning
- [This product] is formulated to not dull high-gloss floor finishes with repeated use
- [This product] is for non-scratch cleaning of **insert surface(s) from Table 1** -and/or- **insert surface material(s) from Table 3**
- This product's formula cleans
- Tough on Greasy Soils
- Trigger spray
- Usable on a variety of soils
- Versatile
- [Versatile—] Designed for multiple uses in the kitchen and dining area
- Won't leave a room smelling of strong chemicals
- Works on Soap Scum
- Works on a wide range of surfaces, both indoors and outdoors
- Works on -or- effective against -or- removes **insert stain(s)/soil(s) from Table 4**
- Works quickly
- You can be sure your -or- the surfaces are clean

### ***Deodorization Claims***

- Deodorizer [for Institutional Use]
- Deodorizes food odors [like garlic and onion] [left behind on kitchen surfaces] [after cooking]
- Deodorizes odors caused by bacteria [and mildew] -or- [and non-fresh foods]
- Kills odor causing bacteria in the ***insert use site(s) from Table 2***
- Removes odors
- [This product] will deodorize hard, nonporous surfaces ***insert surface(s) from Table 1*** [in ***insert use site(s) from Table 2***] [where obnoxious odors may develop]
- [This product] will deodorize surfaces in ***insert site(s) from Table 2*** and other places bacteria growth can cause malodors
- [This product] deodorizes areas that are hard to keep fresh smelling, such as ***insert use sites(s) from Table 2*** [, and other areas prone to odors caused by microorganisms]

### ***Fragrance/Scent Descriptors and Claims***

- [Citrus -and/or- Fresh -and/or- lemon -and/or- mist -and/or- scent][ed] [formula]
- Lightly scented -or- quick-dissipating scent
- For CSF A01:***
  - Contains no [dyes -and/or- perfumes -and/or- fragrance -and/or- added colors]
  - Dye-Free [and Fragrance-Free]
  - Fragrance-Free
  - [Free of perfumes & -or- and] clear of dyes
  - No [Added] Dyes -or- Fragrance -or- Perfumes
  - Perfume-Free
  - Unscented

### Disinfection Claims

- A combination disinfectant -and/or- deodorizer, and multi-purpose cleaner
- An effective disinfectant for use in the **insert use site(s) from Table 2** and other areas
- Antibacterial [Formula]
- Antibacterial Formula Cleans and Disinfects
- Antibacterial -or- Germicidal Cleaner [on hard, nonporous surfaces] [for **insert use site(s) from Table 2**]
- Antibacterial -or- Germicidal [Formula]
- Broad Spectrum Disinfectant
- Can help reduce the spread of germs on surfaces
- Clean and disinfect in one easy step
- Cleaner, degreaser, disinfectant
- Cleaner and disinfectant in one
- [Cleans and] Disinfects
- Cleans, Disinfects & Deodorizes
- Cleans, Disinfects and Deodorizes in one easy step
- Demonstrated Effectiveness against **insert organism(s) from organism table** [on hard nonporous surfaces -or- on **insert surface(s) from Table 1** -and/or- **insert surface material(s) from Table 3**]
- Designed -or- developed to clean -and/or- disinfect -and/or- and deodorize surfaces after human messes -or- [liquid-and/or- solid] waste
- Designed -or- Developed to manage -or- handle -or- clean-up -and/or- disinfect after difficult -or- challenging -and/or- biological -or- bodily -or- messes -or- liquid -and/or- solid waste
- Disinfect hard, nonporous surfaces after messes caused by -or- like **insert soil(s)/stain(s) from List 4**
- Disinfectant
- Disinfectant Cleaner
- Disinfectant [for Institutional Use]
- Disinfects [Germs]
- Disinfects [washable] **insert use site(s) from Table 2** surfaces including killing [99.9% of] germs -and/or- bacteria -and/or- viruses† -and/or- a fungus
- Easily clean and disinfect
- Efficacy tests have demonstrated that this product is an effective bactericide, fungicide, and virucide‡ in the presence of organic soil (5% blood serum)
- [For] Disinfecting
- [For] Germ Kill
- For handling tough messes -or- [liquid -and/or- solid] waste consider **insert ABN**, to clean, disinfect, and deodorize surfaces after human messes -or- [liquid -and/or- solid] waste
- For Hospital -or- Commercial -or- Industrial & Institutional Use [Only]
- For Healthcare Use
- For Hospital Use
- Fungicidal -or- Antifungal
- Germicidal against the following [organisms]: -or- [This product] kills the following [organisms]: -or- Disinfects against the following [organisms]: **Insert organism(s) from organism table**
- Hard surface disinfectant
- Hospital disinfectant
- Kills [99.9% of] Bacteria
- Kills [99.9% of] Germs
- Kills [99.9% of] **insert use site(s) from Table 2** bacteria [in minutes]
- Kills [99.9% of] **insert organism(s) from organism table**
- Kills Avian Influenza A virus§
- Kills bacteria -or- germs -or- viruses‡ on washable **insert use site(s) from Table 2** surfaces and fixtures
- Kills bacteria -or- germs -or- viruses‡ [while it cleans] [tough] [everyday] [kitchen -and/or- bathroom] [messes]
- Kills bacteria -or- viruses‡
- Kills Flu Virus<sup>4</sup> [Influenza A virus]
- Kills [household] bacteria [without bleaching]
- Kills Influenza A virus [, the virus that causes the common flu]
- Kills -or- Fights -or- is effective against **insert organism(s) from organism table** [on hard, nonporous surfaces -or- on **insert surface(s) from Table 1** -and/or- **insert surface material(s) from Table 3**]
- Kills Salmonella enterica -or- kitchen germs
- Meets OSHA Bloodborne Pathogen Standards for HIV-1, Hepatitis B and Hepatitis C
- Provides broad spectrum kill of gram negative and gram positive micro-organisms
- Quaternary Disinfectant Cleaner
- Ready to use cleaner and disinfectant
- Ready to use disinfectant cleaner
- Ready to use formula provides cleaning, disinfecting and deodorizing in one step
- Spray Trigger
- [This product] cleans, shines, deodorizes and disinfects hard nonporous surfaces -or- **insert surface(s) from Table 1** -and/or- **insert surface material(s) from Table 3**
- [This product] is a no rinse disinfectant cleaner that disinfects, cleans and deodorizes in one labor saving step
- [This product] is a Broad Spectrum disinfectant -and/or- bactericide tested using the AOAC Germicidal Spray Products test method
- This product [-or- product name] is designed specifically as a general non-acid -and/or- ready-to-use -and/or- non-abrasive cleaner and disinfectant for use in **insert use site(s) from Table 2** where housekeeping is of prime importance in controlling the hazard of cross contamination
- This product [-or- product name] is formulated to disinfect hard, nonporous surfaces **insert surface(s) from Table 1** -and/or- **insert surface material(s) from Table 3**
- [This product] will disinfect hard, nonporous surfaces -or- **insert surface(s) from Table 1** -and/or- **insert surface material(s) from Table 3**. [in] **insert use sites(s) from Table 2**].
- Use on non-critical surfaces in **insert use site(s) from Table 2**
- Use [the] **insert ABN** -or- this product to clean and disinfect high-touch areas.
- Use [this product] to clean and disinfect nonporous **insert surface(s) from Table 5**. [Rinse all equipment that comes in prolonged contact with skin before reuse with clean warm water (120° F), and allow to air dry. (Cleaning at 120° F temperature will avoid overheating and distortion of the personal safety equipment that would necessitate replacement.)]

- Unless otherwise noted, this product kills the following organisms on hard, nonporous surfaces<sup>3</sup> **insert organism(s) from organism table**
- Use **this product** to clean and disinfect hard, nonporous non-food **insert surface(s) from Table 5**. Rinse all equipment that comes in prolonged contact with skin before reuse with clean warm water (about 120°F), and allow to air dry. [(Caution: Cleaning at the 120°F temperature will avoid overheating and distortion of the personal safety equipment that would necessitate replacement.)]
- Using approved EPA test methods (under Good Laboratory Practices, [GLPs]), in the presence of 5% blood serum, unless otherwise noted, this product -or- **product name** kills the following organisms on hard, nonporous surfaces **insert organism(s) from organism table**
- Virucidal† -or- Antiviral†
- Virucidal† -and/or- Bactericidal -and/or- Pseudomonacidal<sup>5</sup> -and/or- Fungicidal -and/or- Deodorizer -and/or- Mildewstatic

### ***Emerging Viral Pathogen Claims***

**Product name** -or- this product qualifies for emerging pathogen claims against:

- Enveloped viruses
- Large non-enveloped viruses
- Small non-enveloped viruses

<i>For an emerging viral pathogen that is a/an..</i>	<i>..follow the directions for use for the following organisms on the label:</i>
Enveloped virus	Adenovirus Type 2 Canine parvovirus Feline Calicivirus Feline Picornavirus Hepatitis A virus Poliovirus Rotavirus Rhinovirus
Large, non-enveloped virus	Canine parvovirus Feline Calicivirus Feline Picornavirus Hepatitis A virus Poliovirus Rhinovirus
Small, non-enveloped virus	Canine parvovirus Feline Calicivirus Feline Picornavirus Hepatitis A virus Poliovirus Rhinovirus

**Product name** -or- this product has demonstrated effectiveness against viruses similar to **insert name of emerging virus** on hard, nonporous surfaces. Therefore, **product name** -or- this product can be used against **insert name of emerging virus** when used in accordance with the directions for use against **insert name of supporting virus(es)** on hard, nonporous surfaces. Refer to the CDC -or- OIE website at **insert pathogen-specific website address** for additional information.

**Insert name of illness/outbreak** is caused by **insert name of emerging virus**. **Product name** -or- this product kills similar viruses and therefore can be used against **insert name of emerging virus** when used in accordance with the directions for use against **insert name of supporting virus(es)** on hard, nonporous surfaces. Refer to the CDC -or- OIE website at **insert pathogen-specific website address** for additional information.

<b>Organisms</b>		
<b>Bacteria:</b>	<b>Strain and/or ATCC</b>	<b>Contact Time</b>
Acinetobacter baumannii [(A. baumannii)]	[ATCC 19606]	2 min[utes]
Acinetobacter calcoaceticus [(A. calcoaceticus)]	[ATCC 17902]	2 min[utes]
Bordetella bronchiseptica [(B. bronchiseptica)]	[ATCC 10580]	2 min[utes]
Burkholderia cepacia [(B. cepacia)]	[ATCC 25416]	2 min[utes]
Citrobacter freundii [(C. freundii)]	[ATCC 8090]	2 min[utes]
Community Associated Methicillin Resistant Staphylococcus aureus -or- CA-MRSA <sup>1</sup>	[NARSA NRS123 genotype USA400]	2 min[utes]
Corynebacterium <sup>2</sup> [(C. stationis)]	[ATCC 6872]	2 min[utes]
Enterobacter aerogenes [(E. aerogenes)]	[ATCC 13048]	2 min[utes]
Enterobacter cloacae [(E. cloacae)]	[ATCC 13047]	2 min[utes]
Enterococcus faecalis [(E. faecalis)]	[ATCC 29212]	2 min[utes]
Enterococcus faecalis resistant to vancomycin <sup>1</sup> -or- VRE <sup>1</sup> -or- Vancomycin resistant E. faecalis <sup>1</sup>	[ATCC 51575]	2 min[utes]
Enterococcus faecium [(E. faecium)]	[ATCC 51559]	2 min[utes]
Enterococcus hirae [(E. hirae)]	[ATCC 10541]	2 min[utes]
Escherichia coli [(E. coli)]	[ATCC 11229]	2 min[utes]
Escherichia coli resistant to tetracycline <sup>1</sup> -or- Tetracycline resistant E. coli <sup>1</sup>	[ATCC 47041]	2 min[utes]
ESBL (Extended Spectrum Beta Lactamase) producing Escherichia coli [(E. coli)]	[ATCC BAA-196]	2 min[utes]
Escherichia coli O157:H7 [(E. coli)]	[ATCC 35150]	2 min[utes]
Flavobacterium -or- Elizabethkingia meningosepticum [(F. -or- E. meningosepticum)]	[ATCC 13253]	2 min[utes]
Haemophilus influenzae [(H. influenzae)]	[ATCC 10211]	2 min[utes]
Hafnia alvei [(H. alvei)]	[ATCC 11604]	2 min[utes]
Klebsiella oxytoca resistant to Ampicillin <sup>1</sup> -or- Ampicillin resistant K. oxytoca <sup>1</sup>	[ATCC 15764]	2 min[utes]
Klebsiella oxytoca [(K. oxytoca)]	[ATCC 13182]	2 min[utes]
Klebsiella pneumoniae [(K. pneumoniae)]	[ATCC 4352]	2 min[utes]
Legionella pneumophila [(L. pneumophila)]	[ATCC 33153]	2 min[utes]
Listeria monocytogenes [(L. monocytogenes)]	[ATCC 19117]	2 min[utes]
Micrococcus luteus [(M. luteus)]	[ATCC 14408]	2 min[utes]
Micrococcus -or- Kytococcus sedentarius [(M. -or- K. sedentarius)]	[ATCC 27573]	2 min[utes]
Pasteurella multocida [(P. multocida)]	[ATCC 12947]	2 min[utes]
Proteus mirabilis [(P. mirabilis)]	[ATCC 9240]	2 min[utes]
Proteus vulgaris [(P. vulgaris)]	[ATCC 9920]	2 min[utes]
Pseudomonas (Brevundimonas) diminuta [(P. diminuta) -or- (B. diminuta)]	[ATCC 13184]	2 min[utes]



	<b>Strain and/or ATCC</b>	<b>Contact Time</b>
Pseudomonas aeruginosa [(P. aeruginosa)]	[ATCC 15442]	2 min[utes]
Pseudomonas fluorescens [(P. fluorescens)]	[ATCC 13525]	2 min[utes]
Pseudomonas putida [(P. putida)]	[ATCC 49128]	2 min[utes]
Pseudomonas stutzeri [(P. stutzeri)]	[ATCC 11607]	2 min[utes]
Salmonella enterica [(S. enterica)]	[ATCC 10708]	2 min[utes]
Salmonella [enterica - serotype] enteritidis [(S. enteritidis)]	[ATCC 4931]	2 min[utes]
Salmonella [enterica - serovar] gallinarum [(S. gallinarum)]	[ATCC 9184]	2 min[utes]
Salmonella [enterica - serovar] paratyphi B [(S. paratyphi B)]	[ATCC 8759]	2 min[utes]
Salmonella [enterica - serovar] pullorum [(S. pullorum)]	[ATCC 19945]	2 min[utes]
Salmonella [enterica - serotype] typhi [(S. typhi)]	[ATCC 6539]	2 min[utes]
Salmonella [enterica - serotype] typhimurium [(S. typhimurium)]	[ATCC 23564]	2 min[utes]
Serratia liquefaciens [(S. liquefaciens)]	[ATCC 35551]	2 min[utes]
Serratia marcescens [(S. marcescens)]	[ATCC 14756]	2 min[utes]
Shigella dysenteriae [(S. dysenteriae)]	[ATCC 11835]	2 min[utes]
Shigella flexneri serotype 1B [(S. flexneri)]	[ATCC 9380]	2 min[utes]
Shigella sonnei [(S. sonnei)]	[ATCC 25931]	2 min[utes]
Staphylococcus aureus [(S. aureus)]	[ATCC 6538]	2 min[utes]
Staphylococcus aureus resistant to methicillin <sup>1</sup> -or- MRSA <sup>1</sup> -or- Methicillin Resistant S. aureus <sup>1</sup>	[ATCC 33592]	2 min[utes]
Staphylococcus aureus resistant to erythromycin, penicillin, tetracycline -or- [(Erythromycin, Penicillin, Tetracycline Resistant S. aureus)]	[ATCC 14154]	2 min[utes]
Staphylococcus aureus resistant to vancomycin <sup>1</sup> -or- Vancomycin Resistant S. aureus <sup>1</sup> (VRSA)	[NARSA VRS1]	2 min[utes]
Staphylococcus aureus [subsp. aureus] toxic shock toxin (TS)	[ATCC 33586]	2 min[utes]
Staphylococcus epidermidis resistant to methicillin <sup>1</sup> -or- Methicillin Resistant S. epidermidis <sup>1</sup>	[ATCC 51625]	2 min[utes]
Streptococcus agalactiae [(S. agalactiae)]	[ATCC 13813]	2 min[utes]
Streptococcus mutans [(S. mutans)]	[ATCC 25175]	2 min[utes]
Streptococcus pneumoniae resistant to penicillin -or- [(Penicillin Resistant S. aureus)]	[ATCC 700677]	2 min[utes]
Streptococcus pyogenes (gp A) [(S. pyogenes)]	[ATCC 19615]	2 min[utes]
Streptococcus pyogenes	[Necrotizing Fasciitis Strain]	2 min[utes]
Vancomycin-Intermediate Staphylococcus aureus [(VISA)]	[CDC Clinical Isolate No. 99287]	2 min[utes]
Xanthomonas [(Stenotrophomonas)] maltophilia [(X. maltophilia)]	[ATCC 25596]	2 min[utes]
Yersinia enterocolitica [(Y. enterocolitica)]	[ATCC 23715]	2 min[utes]
<b>Fungus</b>	<b>Strain and/or ATCC</b>	<b>Contact Time</b>
Candida albicans [(C. albicans)]	[ATCC 10231]	2 min[utes]



<b>Viruses Enveloped</b>	<b>Strain and/or ATCC</b>	<b>Contact Time</b>
‡Avian infectious bronchitis virus	[Strain Beaudette IB42]	2 min[utes]
‡Avian Influenza A [(H3N2)] virus\$ [(Avian Reassortant)]	[ATCC VR-2072, Strain A/ Washington/897/80 X A/ Mallard/New York/6750/78]	2 min[utes]
‡Avian Influenza A\$ (H5N1)	[Strain VNH5N1-PR8/CDC-RG CDC #2006719965]	1 min[ute]
‡, ‡‡Bovine Viral Diarrhea virus (Hep[atitis] C surrogate)	[Strain Oregon C24V, - genotype 1]	1 min[ute]
‡Canine distemper virus	[ATCC VR-128, Strain Lederle]	2 min[utes]
‡Cytomegalovirus	[ATCC VR-538, Strain AD-169]	2 min[utes]
‡, ‡‡Duck hepatitis B virus (Human hepatitis B surrogate)	[Legarth strain]	1 min[ute]
‡Feline [viral] rhinotracheitis [virus]	[ATCC VR-636, Strain C-27]	2 min[utes]
‡Herpes simplex virus type 1	[ATCC VR-733, Strain F(1)]	2 min[utes]
‡Herpes simplex virus type 2	[ATCC VR-734, Strain G]	2 min[utes]
‡Human Coronavirus	[ATCC VR-740, Strain 229-E]	2 min[utes]
‡, ‡‡Human Immunodeficiency Virus type 1	[HTLV-IIIB strain]	1 min[ute]
‡Infectious bovine rhinotracheitis virus	[ATCC VR-188, Strain LA]	2 min[utes]
‡Influenza A virus[4]	[ATCC VR-544, Strain Hong Kong]	2 min[utes]
‡Newcastle disease virus	[ATCC VR-108, Strain B1]	2 min[utes]
‡Parainfluenza [virus] Type 3	[ATCC VR-93, Strain C243]	2 min[utes]
‡Pseudorabies virus	[ATCC VR-135, Strain Aujeszky]	2 min[utes]
‡Rabies virus	[Attenuated ERA strain]	30 sec[onds]
‡Respiratory syncytial virus [(RSV)]	[ATCC VR-26, Strain Long]	2 min[utes]
‡SARS-associated Coronavirus	[ZeptoMetrix]	2 min[utes]
‡Transmissible gastroenteritis virus (TGE)	[University of Minnesota]	2 min[utes]
‡Vaccinia virus	[ATCC VR-119, Strain WR]	2 min[utes]
<b>Virus Large Non-Enveloped</b>	<b>Strain and/or ATCC</b>	<b>Contact Time</b>
‡Adenovirus type 2	[ATCC VR-846, Strain Adenoid 6]	3 min[utes]
<b>Viruses Small Non-Enveloped</b>	<b>Strain and/or ATCC</b>	<b>Contact Time</b>
‡Canine parvovirus	[ATCC VR-2017, Strain Cornell]	3 min[utes]
‡Feline Calicivirus (Norovirus -or- Norwalk) virus surrogate)	[University of Ottawa, Canada]	30 sec[onds]
‡Feline Picornavirus	[ATCC VR-649, Strain FRV (17-FRV)]	3 min[utes]
‡Hepatitis A virus [(HAV)]	[University of Ottawa, Canada]	10 min[utes]
‡Poliovirus	[ATCC VR-1000, Strain Brunhilde]	3 min[utes]
‡Rhinovirus [Type] 37	[ATCC VR-1147, Strain 151-1]	3 min[utes]

**Table 1 Surfaces**

air vents	counter[top]s	flower buckets
amalgamators -and/or- dental curing lights	[crash -or- emergency] carts	food cases
anesthesia machines	crutches	food trays
animal equipment	cupboards	footboards
any washable (food and non-food)	cribs	fountains
surface where disinfection is required	dashboard[s]	freezers
apheresis machines	dental countertops	furniture
appliance exterior[s] [surfaces]	dental operatory surfaces	freezer exteriors
appliance -or- cabinet knobs	dentists' -or- dental chairs	garage surfaces
autoclaves	dental unit instrument trays	garbage -or- trash cans
automatic feeders	desk[s] [tops]	glass-topped furniture
baked enamel surfaces	diagnostic equipment	glazed ceramic [restroom surfaces]
bassinets	dialysis machines	glazed ceramic tile
bathroom doorknob[s]	[diaper -or- infant] changing	glucometer exteriors
[bathroom] fixtures	tables -and/or- stations	grab bars
[bathroom -and/or- kitchen]	diaper pails	[grocery [store] -or- supermarket] carts
faucet[s] [handles]	dictating equipment [surfaces]	[grocery [store] -or- supermarket] cart
[bath]tubs	[dining -and/or- fast food -and/or- kitchen	handles
bed frames	-and/or- picnic -and/or- play -and/or-	[grocery [store] -or- supermarket] cart
bedpans	restaurant -and/or- tray] tables	child seats
bedpan cleaner	dining room surfaces -and/or- tables	gurneys
bedrails	-and/or- fast food restaurant tables	gym[nastic] equipment
[bedside] commodes	dish racks	[hand]railings -or- rails
bedside tables	door[s] [handle[s] -and/or- frame[s]	hard, nonporous surfaces behind
blood pressure cuffs	doorknobs	and under counters -and/or- sinks
blood pressure (BP) monitors	drain boards	hard, nonporous dental -and/or- hospital
boats	drawer pulls	-and/or- medical -and/or- veterinary
booster chairs	drawers	surfaces
bottoms of pots and pans	dressing carts	headboards
burner trays	dryers	headsets
brush handles	edges of privacy curtains	high chairs (non-food areas)
cabinet handles	elevator buttons	high touch surfaces
cabinets	endodontic equipment including	hoods
cages	apex locators	[hospital -and/or- patient] bed(s) [springs
call boxes	exam[ination] tables	-and/or- railings] -and/or- linings
canes	exercise equipment	-and/or- frames infant incubators and care
car interiors	exercise machines	cribs [inner -and/or- inside of] drawers
carts	exercise mats	isolettes
CAT -or- Computerized Axial Tomography	exhaust fans	IV [stands -and/or- pumps -and/or-
equipment	exterior -or- external toilet surfaces	poles]
ceilings	exterior -or- external urinal surfaces	kennels
chairs	[exterior surfaces of] [handheld] [digital	[kid's] play structures -and/or- equipment
[children's] furniture	-and/or- electronic] devices	-and/or- furniture -and/or- tables
chrome exterior surfaces of	external surfaces of [medical] equipment	[kitchen] appliance exteriors
urinals -and/or- toilets	-or- [medical] equipment surfaces	laminated surfaces
closet handles	[external] [surfaces of] ultrasound	lamps
[clothes -and/or- diaper] hampers	transducers [-and/or- probes]	large inflatable nonporous plastic -and/or-
coated mattresses	external surfaces of [veterinary] equipment	rubber [advertising] structures
coated pillows	faucets	light fixtures -and/or- switches -and/or-
[common] hard, nonporous	fax machine[s] [handles]	panels
[household] surfaces compactors	feed racks	light lens covers
computers	[filing -and/or- medicine]	lockers
[computer] monitors	cabinets	loupes
computer mice	finished -or- painted woodwork	mammography equipment
computer peripherals	finished windowsills	[Mayo -and/or- instrument] stands
computer screens	fixtures	[medicine] cabinets
computer tables	floors [around toilets]	med[ication] carts
cooler exteriors	floors	metal blinds
cords		

metal surfaces	portable toilets	toilet bowls
metal work benches	power cords	[toilet [flush] -and/or- telephone
microwave exteriors	prescription container exteriors	-and/or- cabinet -and/or- dishwasher
mirrors	pulp testers and motors	-and/or- door] handles
mobile workstations	pulse oximeters	toilet -and/or- urinal exterior[s]
moonwalks	PVC tubing	[surfaces] -or- exterior toilet surfaces
mouse pads	railing[s]	toilet[s] [handle -and/or- rims -and/or-
M[agnetic] R[esonance] I[maging]	range hoods	seats -and/or- tops]
equipment	reception counters -and/or- desks	toilets
nurse-call devices -and/or- buttons	recycling bins	toilet handholds
-and/or- cords	refrigerator door handles	tools
obstacle course play equipment	refrigerator exterior[s]	towel dispensers
office machinery	remote control[s] [exteriors]	toy boxes -or- storage bins
office -or- bedroom -or- bedside furniture	respirator exteriors	traction devices
other telecommunication equipment	respiratory therapy equipment	trailers
[surfaces]	restroom fixtures	[training] toilets
operating room tables and lights	rocking chairs	tray tables
operatory light switches	salad bar sneeze guards	troughs
outdoor grill exteriors	safety rails	tubs
outdoor -or- patio furniture	scales	urinals
oxygen hoods	seats	vanity tops -or- vanities
oven door exteriors	sequential compression devices	vehicles
oven exteriors	shelves	vending machine surfaces
overbed tables	shower[s] curtains -and/or- doors	veterinary care surfaces
paddles	-and/or- stalls -and/or- walls	[vinyl] linoleum -or- wallpaper
painted surfaces	shower fixtures	urinals
paggers	side rails	walkers
patient chairs	signs	walls
pens	sink[s] [basins]	walls [around toilet -and/or- in patient
pet surfaces	slides	rooms]
pet carriers	slit lamps	wash basins
plastic laundry hampers -or- baskets	spine backboards	[washable] floors [including linoleum,
pipes	sports equipment	no-wax, vinyl, and glazed ceramic tile]
plastic -and/or- painted surfaces	stainless steel surfaces	washable kitchen surfaces
plastic patio furniture -or- lawn chairs	stall doors	washable walls
[plastic] shower curtains	stalls	washers
plastic surfaces associated with[:]	steering wheel[s]	washing machine exterior[s]
<b>insert</b>	stereo consoles	wastebaskets
<b>surface(s) from Table 1</b> -and/or- <b>insert</b>	stethoscopes	watering appliances
<b>use site(s) from Table 2</b>	stools	wheelchairs
[plastic] fly swatters	stove[tops] -or- exteriors	whirlpool tubs
[plastic] mattress pads -and/or- covers	stretchers	window [blinds -and/or- shades]
plastic -or- metal outdoor furniture	support bars	windows
(excluding wood frames and upholstery)	surfaces in and around toilets in patient	windshields
playground equipment	rooms	wrestling mats
playpens	tablet PCs	x-ray equipment
patient monitoring equipment	table[tops]	
patient support and delivery equipment	[tiled] walls	
phlebotomy trays	tires	
physical therapy (pt) equipment surfaces		

**Table 2 Use Sites**

Airplanes	Dialysis Clinics [Facilities]	Lab[oratorie]s
Airports	[Diaper -or- infant] changing areas	Laundromats
Ambulances -and/or- Emergency Medical Transport Vehicles	Dining -or- Living Room[s]	Laundry Rooms
Anesthesia Rooms -or- Areas	Discount Retailers	Lavatories
Animal Life Science Laboratories	Doctor's Offices	Livestock -and/or- Swine -and/or- Poultry Facilities
Animal [Pet] Housing -and/or- Kennels -and/or- Facilities	Dorm[itorie]s	Locker Room [Facilities]
Animal Holding Areas	Dental Operators	Lodging Establishment[s]
[Animal -or- Pet] Grooming Facilities	Dental -or- Dentists' Offices	Long Term Care Facilities
Animal Transportation Vehicles	Elevators	Lounges
[Assisted Living -and/or- Full Care] Nursing Homes	E[mergency] R[oom]s	Malls
Athletic [Recreational] Facilities	Emergency Vehicles	[Manufacturing Plants] -and/or- Facilities
Auto[mobile]s	Empty Garbage Bins	Markets
Barber Shops	Equine Farms	Mass Merchandisers
Banquet Halls	Exam[ination] Rooms	[Massage -and/or- Facial -and/or- Hair -and/or- Nail] Salons -and/or- Spas
Bars	Eye Surgical Centers	[Medical] Clinics -or- Facilities
Beauty Shops	Factories	Medical -and/or- Physician's -and/or- Doctor's Offices
Basement[s]	Farms	Military Installations
Bathroom[s]	Fast Food Chains -or- Restaurants	Mobile Homes
Beauty Salons	Floors and Walls of Coolers	Mortuaries
Bedroom[s]	Food Preparation and Processing Areas	Motels
Blood Banks	[Food Processing] Plants	Motor Homes
Blood -and/or- plasma -and/or- semen -and/or- milk -and/or- apheresis Donation Centers	Food Service Establishments [Restaurants] [Commercial Kitchens]	Mudrooms
Boats	Food [Service -or- Processing] Establishments	Newborn -or- Neonatal [Nurseries] [Intensive Care] Units [NICU]
Bowling Alleys	Food Serving Areas	Nursing Homes
Breeding Establishments	Food Storage Areas	Nursing -or- Nurses' Stations
Buses	Funeral Homes	Nurseries
Butcher Shops	Garages	Office[s] [Buildings]
Cafeterias	Garage Storage Areas	Operating Rooms
Campers	[Garbage -and/or- Waste] Storage Areas	Ophthalmic Offices
Campgrounds	Gas Stations	Orthopedics
Cars	General Merchandise Stores	Other Food Service Establishments
CAT Lab[oratories]	Greenhouses	Outpatient [Surgical Centers (OPSC)] [Clinics -or- Facilities]
Cafeterias	Grocery Stores	Packing Benches
Catering Facilities	Gym[nasium]s	Patient Areas
Central Service Areas	Hard, nonporous areas behind and under counters -and/or- sinks	Patient Restrooms
Central Supply Rooms -or- Areas	Health Care Settings -or- Facilities	Patient Rooms
Churches	Health Club[s] [Facilities]	[Pediatric] Examination Rooms -or- Areas
Closets	Home Health Care [Settings]	P[ediatric] I[ntensive] C[are] U[nit]s
Colleges	Home[s]	Pet Animal Quarters
Commercial -or- Institutional Kitchens	Home Centers	Pet Areas -or- Quarters
Convenience Stores	Home Healthcare [Settings]	Pet Shops -or- Stores
Convention Centers	Hospices	Pet Shops and Other Animal Care Facilities
Correctional Facilities	[Hospital] Kitchens	Pharmacies
[Crates &] Cages	Hospitals	Physicians' Offices
C[ritical] C[are] U[nit]s	Hotels	Physical Therapy Rooms -or- Areas
Cruise Ships	Industrial Facilities	Play Areas -or- Rooms
Dairy Farms	Institutional Kitchen[s] -and/or- Bathrooms	Playgrounds
[Damp] Storage Areas	[Institutional] Laundromats	[Police -and/or- Fire] Vehicles
Day Care Centers	Institutions	[Portable] Bathroom[s]
Deli[catessen]s	I[ntensive] C[are] U[nit]s [areas]	Produce Areas
Dens	Kennels	Psychiatric Facilities
	Kitchen[s] Surfaces	

Public Areas  
Public Facilities  
Public Restrooms  
Radiology -or- X-Ray Rooms -or- Areas  
Recovery Rooms  
Reception areas  
Recreational Centers -or- Facilities  
Rehabilitation Centers  
Rental Cars  
Respiratory Therapy Rooms -or- Areas  
Rest Stops  
Restaurants  
Restrooms -or- Restroom Areas  
Retail Businesses  
Retail -and/or- Wholesale Establishments  
[Retail -and/or- Wholesale] Florists  
RVs  
School Buses  
School Kitchens

Schools  
Scooters (Avoid wetting plug or charging port by covering with a towel) ***“Avoid wetting plug or charging port by covering with a towel” is not optional text.***  
Shelters  
Shippers  
Ships  
Shopping Centers -or- carts  
Shops  
Shower areas  
Shower Rooms  
Small Animal Facilities  
Sports Arenas  
Sports Stadiums  
Storage Rooms -or- Areas  
Subways  
Supermarkets  
Surgery Rooms -or- O[perating] R[oom]s

Tack Shops  
Tattoo Parlors  
Toolsheds  
Transportation Terminals  
Trains  
Trolleys  
Universities  
Vacation Homes  
Veterinary Clinics -or- Facilities  
Veterinary -or- Animal Hospitals  
Veterinary Offices -or- Waiting Rooms  
Veterinary Examination Rooms  
Veterinary X-ray Rooms  
Veterinary Operating Rooms  
Waiting Rooms -or- Areas  
Warehouse Clubs  
Zoos

**Table 3 Surface Materials**

[baked] enamel	glazed porcelain [tiling -or- tile]	Plexiglass <sup>®</sup> <sup>[ooo]</sup>	Not Recommended For Use On
brass	glazed porcelain enamel	sealed fiberglass [polyester, vinyl ester and epoxy resins]	-or- Avoid Contact With:
chrome	glazed tile	sealed granite	natural marble
copper	[hard] plastic -or- vinyl	sealed marble	paper surfaces
crystal (non-food areas)	linoleum	sealed wood	rubber
enamel	Marlite <sup>®</sup> <sup>[λλλ]</sup>	silver	unfinished wood
finished hardwood	metal	stainless steel	
Formica <sup>®</sup> <sup>[λλ]</sup>	Naugahyde <sup>®</sup> <sup>[λλλλ]</sup>	synthetic marble	
glass	no-wax tile	vinyl [tile]	
glazed ceramic [tile [s]]	plastic [laminated]		

**Table 4 Stains/Soils**

[Automotive -and/or- Splattered] Grease	Defecation	Juice Stains	Spit[tile]
Bathtub Ring	Dirt	Mucus	Sputum
Beverage Stains	Fecal matter	Mud	Sticky Food Messes -or- Spills
Biological fluids	Feces	Outdoor Grime	Stool
Bodily Fluids	Fingerprints	Pen -or- Ink [Marks]	Throw-Up
Body oils	Food -and/or- Greasy -and/or- Oily Spills -or- Splatters -or- Messes	Pet Stains	Tough Soils
[Common] soils	[Food] stains	Phlegm	Urine
Cosmetics	Grime	Protein-based matter	Vomit
Crayon and Pencil [Marks]	Heel Marks -or- scuffs	Saliva	Wine Stains
Dead skin		Smudges	
		Soap Scum	

**Table 5 Personal Protective Safety Equipment - Use Surfaces**

earmuffs	goggles	silicone rubber -or- PVC hearing protectors
face shields	half-mask respirators	spectacles
full-face breathing apparatus	hard hats	vinyl covered earmuffs
gas masks	protective headgear	

**Footnotes**<sup>1</sup> Antibiotic Resistant Bacteria<sup>2</sup> **tested as *Corynebacterium ammoniagenes***<sup>3</sup> Using approved AOAC test methods (under Good Laboratory Practices) in the presence of 5% blood serum<sup>4</sup> Influenza A virus<sup>5</sup> *Pseudomonas aeruginosa*<sup>§</sup> Kills Avian Influenza A virus on precleaned hard, nonporous surfaces<sup>‡</sup> [Viruses]<sup>##</sup> [Bloodborne Pathogens]<sup>P</sup> [on] hard nonporous surfaces [of]<sup>λλ</sup> Formica is a [registered] trademark of [The Diller Corporation] [a subsidiary of] [Formica] [Formica Corporation] [or one or more of its affiliates].<sup>λλλ</sup> Marlite is a [registered] trademark of [Marlite, Inc.] [a subsidiary of] [Marlite, Inc.] [or one or more of its affiliates].<sup>λλλλ</sup> Naugahyde is a [registered] trademark of Uniroyal Engineering Products LLC.<sup>ooo</sup> Plexiglas is a [registered] trademark of [Arkema, Inc.] [a subsidiary of] [Arkema, Inc.] [or one or more of its affiliates].